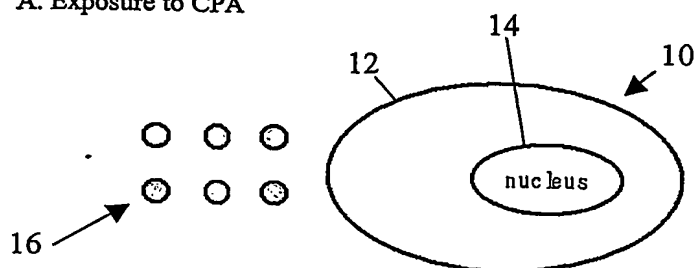
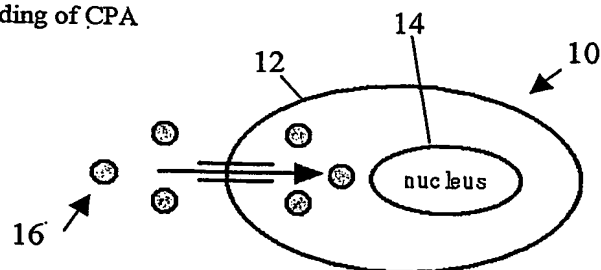


Sheet 1 of 9

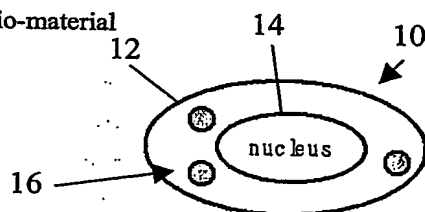
A. Exposure to CPA



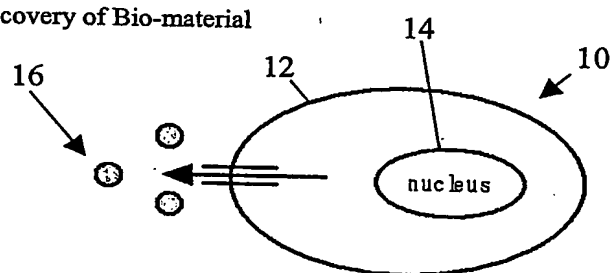
B. Loading of CPA



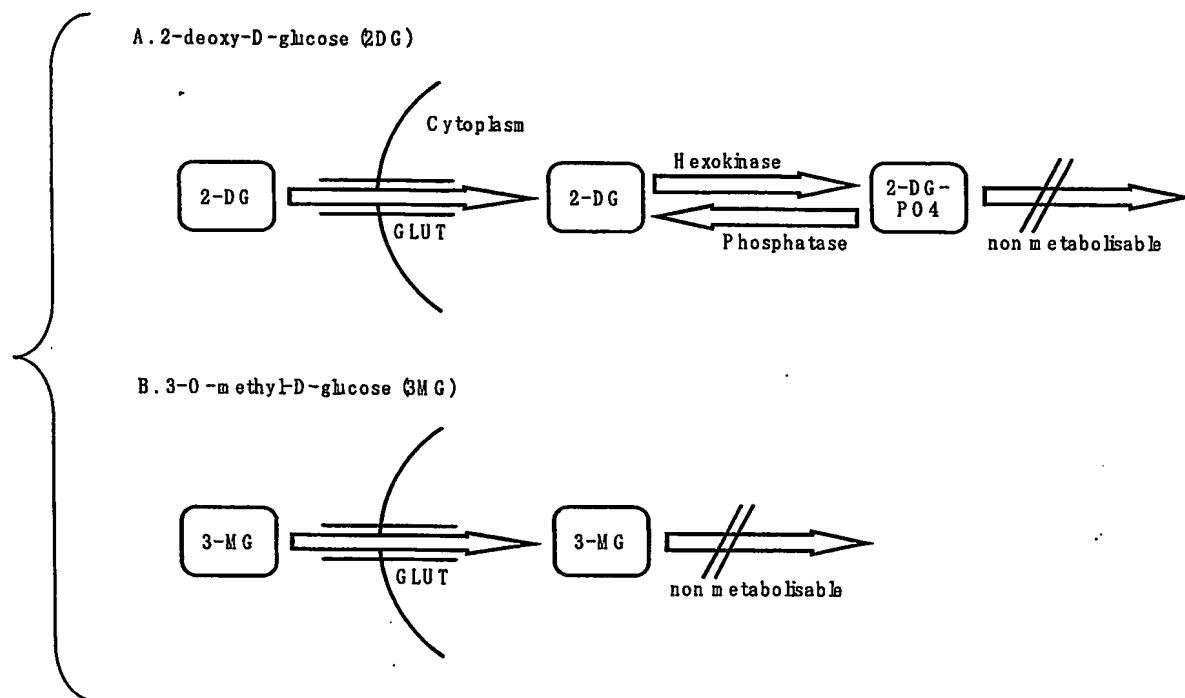
C. Preservation of Bio-material

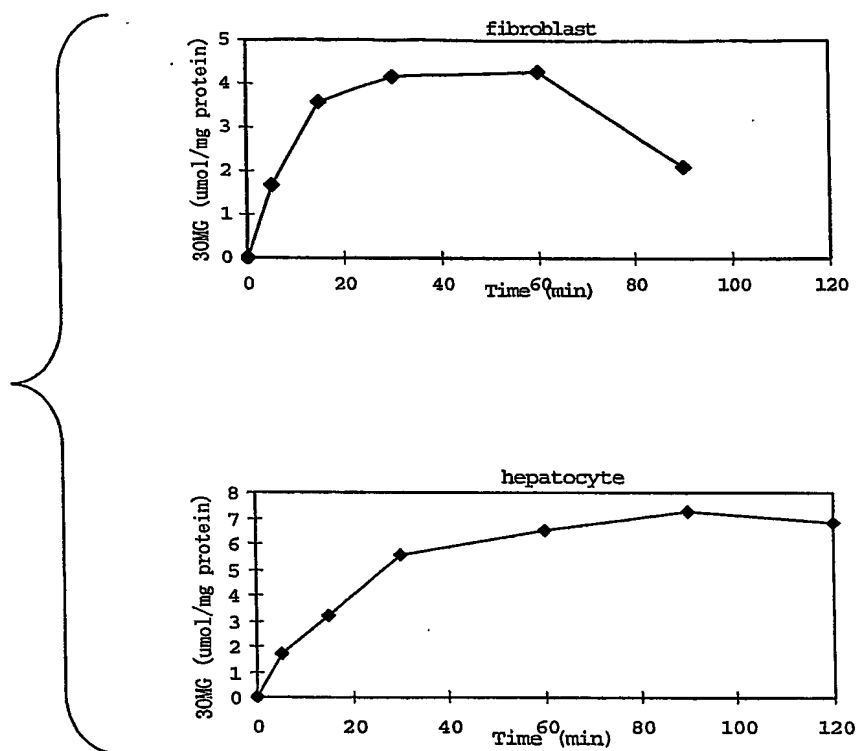


D. Recovery of Bio-material

**FIGURE 1****BEST AVAILABLE COPY**

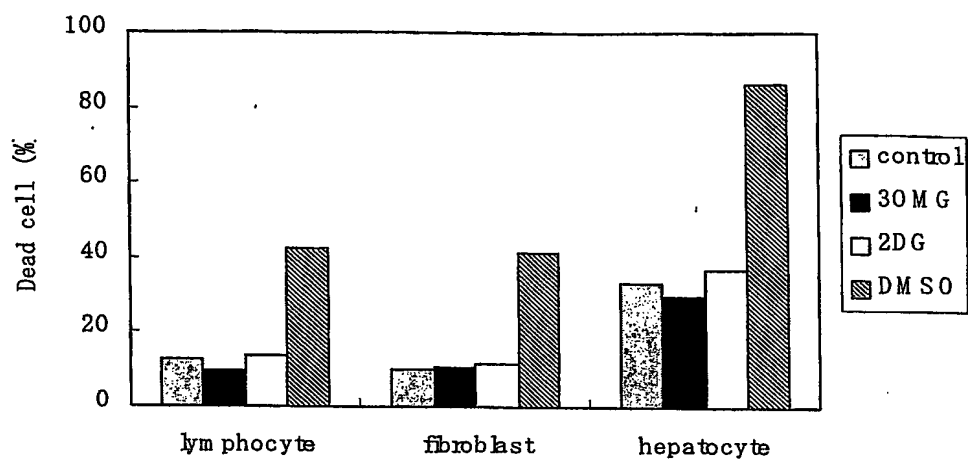
Sheet 2 of 9

**FIGURE 2**

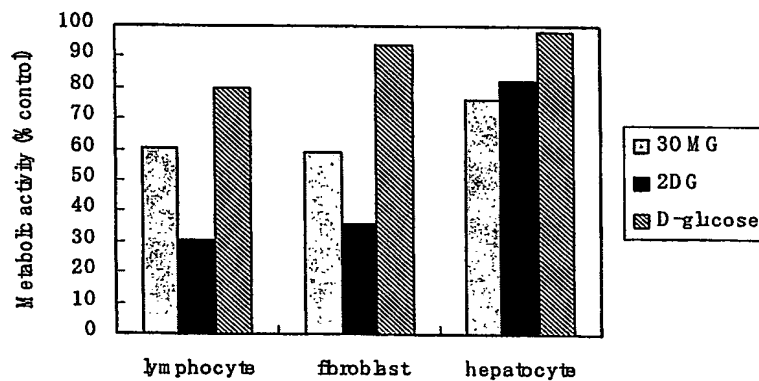
Sheet 3 of 9

Concentration of intracellular 3OMG measured using radiolabeled 3OMG

FIGURE 3

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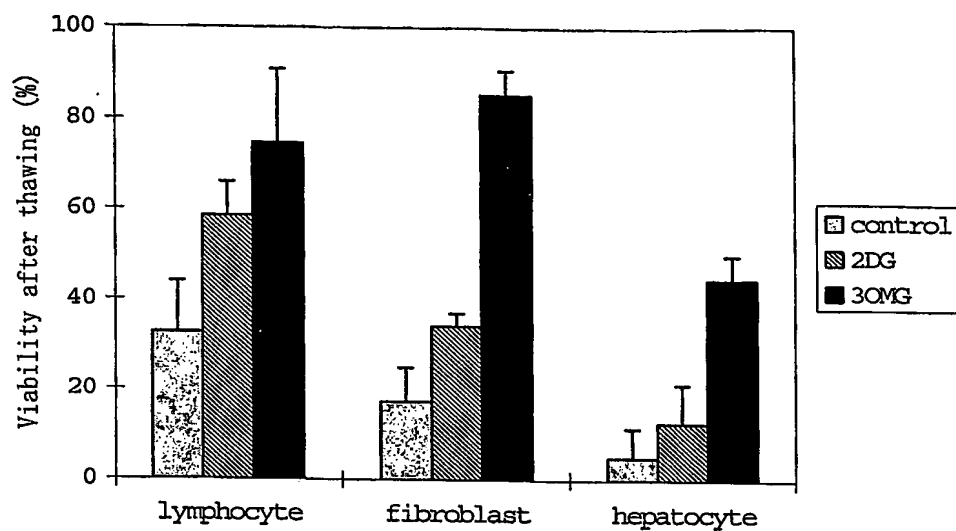
Percentage of dead cells after loading glucoses or DMSO

FIGURE 4

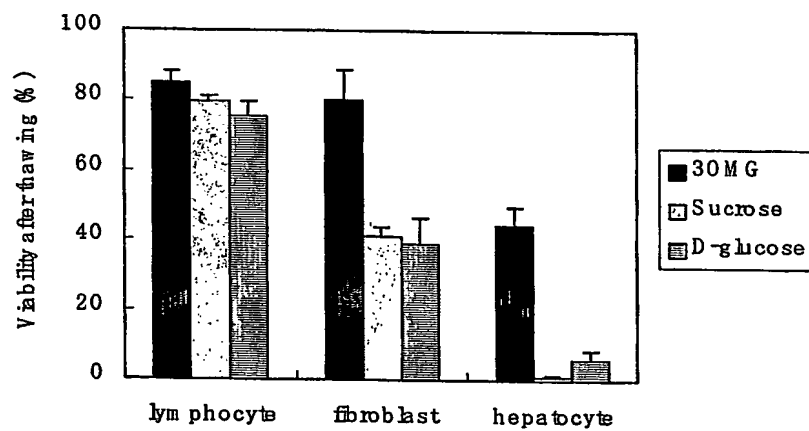
Metabolic activity was assessed measuring the MTT reduction activity

FIGURE 5

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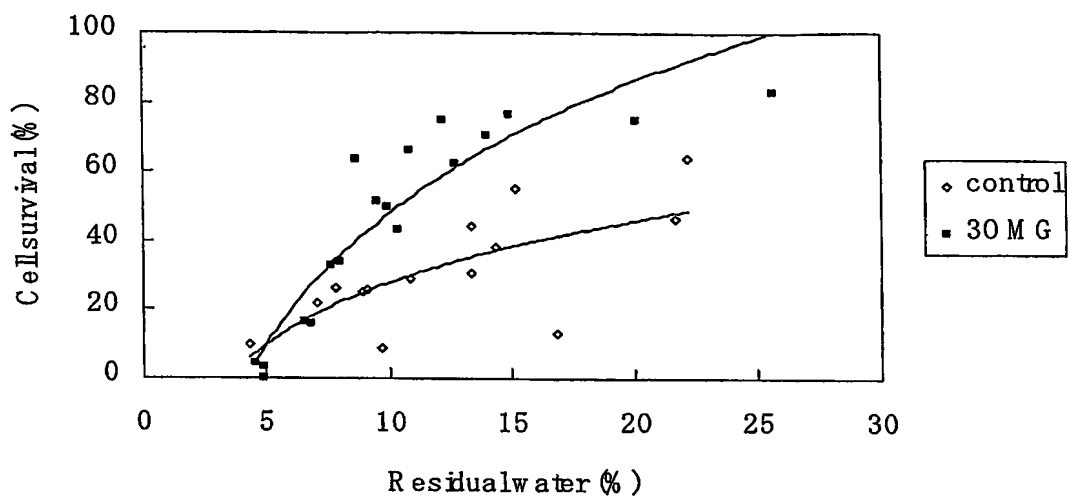


Viability of cryopreserved mammalian cells with glucose loading

FIGURE 6

Viability of cryopreserved mammalian cells preserved using different agents

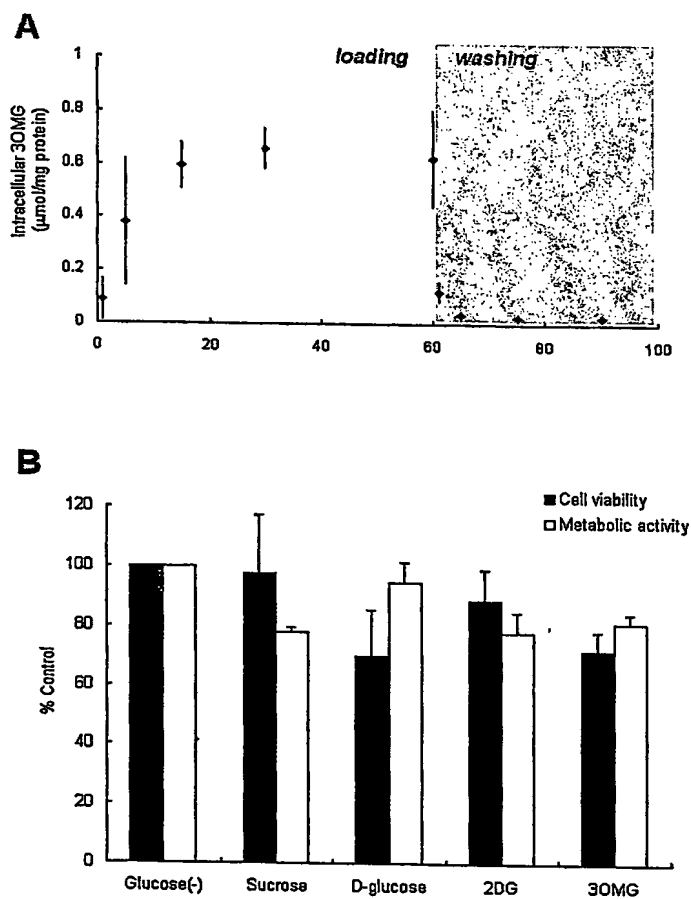
FIGURE 7

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Cell survival as a function of residual water in the sample after drying with or without 30MG loading

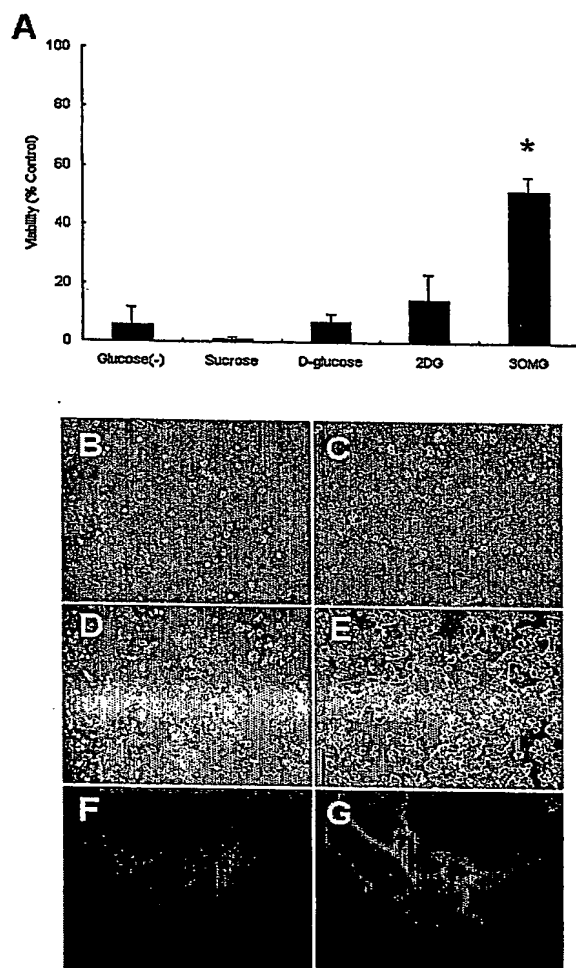
FIGURE 8

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Kinetics of 3OMG uptake and efflux on hepatocytes and effects on viability and metabolic activity

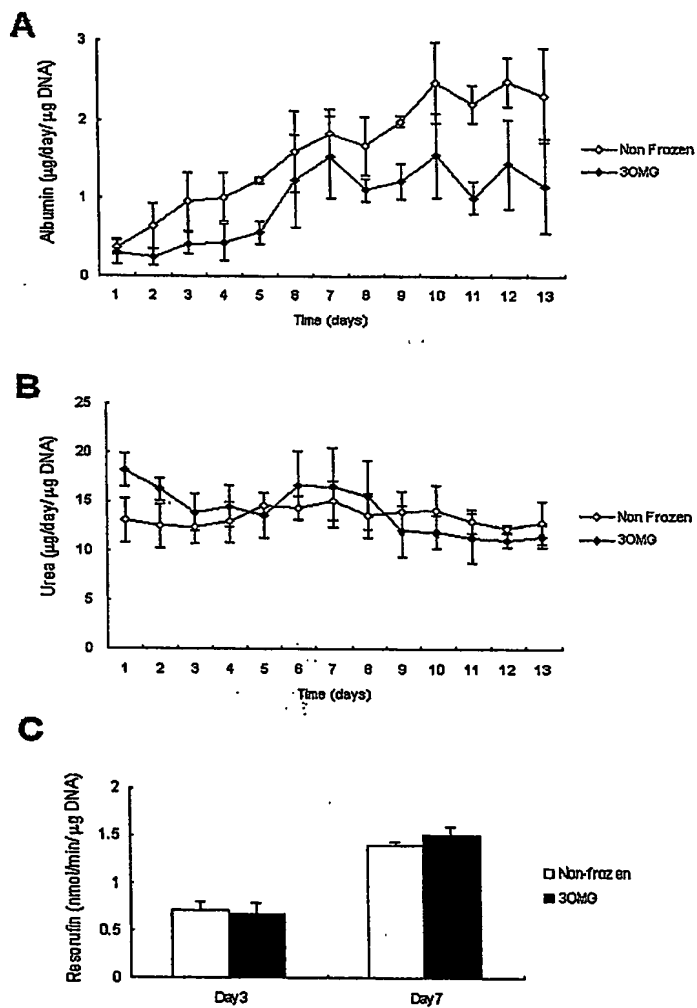
FIGURE 9

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Post-thaw viability of cryopreserved hepatocytes

FIGURE 10

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Albumin production, urea production, and cytochrome P450 activity of treated hepatocytes

FIGURE 11

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